



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

**\*BIBDATASHEET\*****CONFIRMATION NO. 4950**

Bib Data Sheet

SERIAL NUMBER 09/206,027	FILING DATE 12/04/1998  RULE	CLASS 438	GROUP ART UNIT 1765	ATTORNEY DOCKET NO. AMAT/3049/MD
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

BARNEY M. COHEN, SANTA CLARA, CA;  
 KENNY KING-TAI NGAN, FREMONT, CA;  
 XIANGBING LI, SAN JOSE, CA;

\*\* CONTINUING DATA \*\*\*\*\* NONE LV

\*\* FOREIGN APPLICATIONS \*\*\*\*\* NONE LV

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 10/15/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 5	TOTAL CLAIMS 17	INDEPENDENT CLAIMS 3
Verified and Acknowledged	Examiner's Signature <i>LV</i> Initials <i>LV</i>				

ADDRESS  
 32588  
 APPLIED MATERIALS, INC.  
 2881 SCOTT BLVD. M/S 2061  
 SANTA CLARA, CA  
 95050

TITLE  
 PLASMA PRECLEAN WITH ARGON, HELIUM, AND HYDROGEN GASES

FILING FEE  RECEIVED 1560	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
------------------------------------	---	--